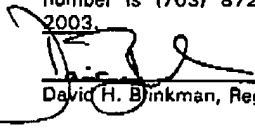


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David H. Binkman, Reg. No. 40,532Date
12/15/03**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Thomas et al.
Serial No.: 09/998,873
Filed: October 31, 2001
Confirmation No.: 7709
Group Art Unit: 2821
Examiner: Phan, Tho Gia
Title: **INTEGRATED ACTIVE ANTENNA FOR MULTI-CARRIER APPLICATIONS**
Atty Docket: ANCO-25US

Cincinnati, Ohio 45202

December 15, 2003

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AFTER FINAL AMENDMENT

Sir:

In response to the Office Action mailed on September 15, 2003,
please amend the above-identified application as follows:
Amendments to the Claims are reflected in the listing of claims which begins on
page 2 of this paper.
Remarks/Arguments begin on page 8 of this paper.

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**PATENT, TRADEMARK, COPYRIGHT
AND UNFAIR COMPETITION LAW
AND RELATED LITIGATION**

EDMUND P. WOOD 1923-1968
TRUMAN A. HERRON 1935-1976
EDWARD B. EVANS 1936-1971

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TECHNICAL ADVISORS
HENRY M. LABODA, Ph.D.
LARRY D. MOORE, B.S.E.E.

TO: The Honorable Commissioner
Attention: Tho Gia Phan
Art Unit 2821

FROM: David H. Brinkman

Fax No.: (703) 872-9306

Phone: (513) 241-2324

Date: December 15, 2003

Fax: (513) 421-7269

Pages (including cover page): 16

Re: U.S. Serial No. 09/998,873 INTEGRATED ACTIVE ANTENNA FOR MULTI-
CARRIER APPLICATIONS
Attorney Docket No. ANCO-25US

ATTACHMENTS/COMMENTS: OFFICIAL

Please deliver to Tho Gia Phan
Amendment Transmittal (3 pages)
Amendment (12 pages)

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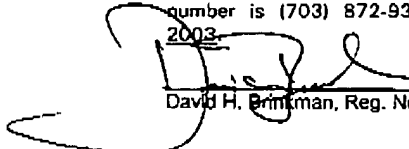
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David H. Brinkman, Reg. No. 40,532

12/15/03
Date

PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Cincinnati, Ohio 45202

December 15, 2003

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

AFTER FINAL AMENDMENT

1. Transmitted herewith is an amendment for this application.
2. ☐ Small Entity status is claimed.
☒ Other than a Small Entity.
3. The fee has been calculated as shown below:

(Col. 1)		(Col. 2)		(Col. 3)	SMALL ENTITY		LARGE ENTITY	
Claims Remaining After Amendment		Highest No. Previously Paid For		Extra	Present Rate	Fee	Present Rate	Fee
TOTAL	21	MINUS	21	= 0	x \$9	\$0	x \$18	\$0
INDEP.	3	MINUS	3	= 0	x \$42	\$0	x \$84	\$0
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					+ \$135	\$0	+ \$270	\$0
TOTALS					TOTAL FEE	\$0	TOTAL FEE	\$0

- ☆ If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
 ☆☆ If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
 ☆☆☆ If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid for" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

 X No additional fee for claims is required.

4. Attached is a check in the sum of \$_____.

_____ Please charge my Deposit Account No. 23-3000 in the amount of \$_____.

A duplicate copy of this sheet is attached.

5. The proceedings herein are for a patent application and the provisions of 37 CFR 1.136 apply.

Complete (a) or (b) as applicable.

- (a) _____ Applicant petitions for an extension of time under 37 CFR 1.136 for the total number of months checked below:

Extension (months)	Fee for other than small entity	Fee for small entity
one month	\$ 110.00	\$ 55.00
two months	\$ 410.00	\$205.00
three months	\$ 930.00	\$465.00
four months	\$1,450.00	\$725.00

— Attached is a check in the amount of \$___ for the three month extension fee as required by 37 C.F.R. § 1.17(c).

If an additional extension of time is required, please consider this a petition therefor.

(Check and complete the next item, if applicable)

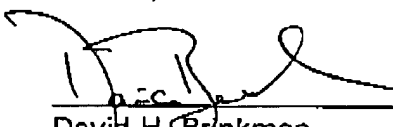
— An extension for ___ months has already been secured and the fee paid thereof of \$___ is deducted from the total fee due for the total months of extension now requested. Extension fee due with this request \$___.

OR

- (b) XX Applicant believes that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.
- XX If any additional fee for claims or extension of time is required, charge Account No. 23-3000. A duplicate of this transmittal is attached.

Respectfully submitted,

WOOD, HERRON & EVANS, L.L.P.


David H. Brinkman
Reg. No. 40,532

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